

ETECH Automotive Chemicals, Inc.
PO Box 358
Hellertown, PA 18055

Material Safety Data Sheet
Issue date: 7/15/08
Product Name: ET106 Radiator System Flush

SECTION I – EMERGENCY CONTACT:
INFOTRAC 1-800-535-5053

SECTION II –HAZARDOUS INGREDIENTS:

Component	CAS #	TLV (ppm)	% (in prod.)
Citric acid	77-92-9	NA	4.0-6.0
Sulfamic acid	5329-14-6	NA	1.5-2.5

SECTION III – HEALTH HAZARD:

Acute Effects of Overexposure:

Skin: Irritant. May cause irritation and redness

Eyes: Irritant. Inflammation is characterized by redness, watering and itching.

Inhale: Overexposure may cause respiratory irritation.

Ingest: Can cause nausea and irritation to mouth, throat and stomach.

Existing skin diseases may be aggravated by overexposure.

Chronic Effects of Overexposure: Repeated or prolonged exposure may produce defatting of the skin

HMIS Codes: Health 2; Flam. 0; React. 1; Pers. Protection B

Carcinogenic effects: None of the ingredients are listed as carcinogens by IARC, NTP, or OSHA

SECTION IV – FIRST AID MEASURES

First aid procedures:

Skin: Wash contaminated area with soap or mild detergent. Get medical attention if irritation develops.

Eyes: Check for and remove contact lens. Immediately flush with plenty of water for at least 15 minutes. If irritation develops consult a physician.

Inhale: This route of exposure is not likely due to the nature of this product.

Ingest: If product is swallowed, do not induce vomiting. If vomiting occurs keep head lower than hips to help prevent aspiration. If individual is alert, give plenty of water to drink. Never give anything by mouth to an unconscious person.

SECTION V– FIRE AND EXPLOSION DATA:

Flash Point (F) None

Flammable Limits: LEL: NA UEL NA

Fire Fighting Procedure: use water vapor, foam or fog. Firefighters should wear proper protective equipment.

Fire Hazard: NA

SECTION VI – ACCIDENTAL RELEASE MEASURES:

Spill Clean Up: Wear appropriate protective equipment. Absorb with an inert material and put spilled material in appropriate waste disposal.

SECTION VII – HANDLING AND STORAGE PROCEEDURES:

Handling: Avoid contact with eyes. Keep container closed. Wash thoroughly after handling.

Storage: Keep container in cool well ventilated area. Keep container tightly closed. Store away from incompatible materials. Keep out of the reach of children.

SECTION VIII EXPOSURE CONTROLS, PERSONAL PROTECTION:

Eye Protection: No special protection is required.

Protective Clothing: No special protection is required.

Respiratory: No special protection is required.

SECTION IX – PHYSICAL AND CHEMICAL DATA:

Boiling Point (F) 212 Specific Gravity: 1.0 – 1.01 pH: 2.5 – 3.0

VOC content (%) <1 Evaporation Rate (Bu acetate=1) NA

vap. Pressure (mm Hg) NA

Vap. Density NA Solubility in Water: soluble

Appearance and Odor: clear thin green liquid with lemon fragrance

SECTION X – REACTIVITY DATA:

Stability: Stable

Incompatibility: ammonia, alkaline materials

Polymerization: Will not occur

Hazardous Decomposition: carbon monoxide, carbon dioxide and other organic materials.

SECTION XI TOXOLOGICAL INFORMATION

Toxicity to animals

Oral (LD50) acute: not available

Dermal (LD50) acute: not available

SECTION XII

Ecological Information - not available

Biodegradable/OECD – not available

SECTION XIII DISPOSAL CONSIDERATIONS

Waste Disposal Method: Liquid wastes are not permitted in landfill. Consult local, state, and federal agencies for proper disposal in your area.

Classification: non-hazardous waste

SECTION XIV TRANSPORT INFORMATION

Proper shipping name NA

DOT classification not a DOT controlled material

UN number NA

SECTION XV REGULATORY INFORMATION

SARA 313 toxic chemical notification and release reporting - No products found

Clean Water Act (CWA) regulated substance – no product found

Clean Air Act (CAA) 112 regulated toxic substances - no product found

SECTION XVI OTHER INFORMATION

To the best of our knowledge information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

ETECH Automotive Chemicals, Inc.
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Material Safety Data Sheet
Issue date: 7/15/08
Product Name: ET107 Radiator System
Conditioner

SECTION I – EMERGENCY CONTACT:
INFOTRAC 1-800-535-5053

SECTION II –HAZARDOUS INGREDIENTS:

Component	CAS #	TLV/PEL (ppm)	% (in prod.)
Methyl (propylhydroxide, ethoxylated)			
Bis(trimethylsiloxo) silane	067674673	NA	<5
Polyethylene oxide monoallyl ether	027274313	NA	<1

SECTION III – HEALTH HAZARD:

Acute Effects of Overexposure:

Skin: Can be irritating upon prolonged exposure.

Eyes: Can be irritating upon prolonged contact.

Inhale: NA.

Ingest: Can cause nausea and vomiting.

Existing skin diseases may be aggravated by exposure.

Chronic Effects of Overexposure:

None if used with good personal hygiene. May cause skin or eye irritation upon prolonged or repeated contact.

HMIS Codes: Health 2; Flam.0; React. 0; Pers. Protection NA; Chronic Haz. NA

The components of this product are not considered to be carcinogenic by NTP, IARC, or OSHA.

SECTION IV – FIRST AID MEASURES

First aid procedures:

Skin: Wash contaminated area with soap or mild detergent. Get medical attention if irritation develops.

Eyes: Check for and remove contact lens. Immediately flush with plenty of water for at least 15 minutes. If irritation develops consult a physician.

Inhale: This route of exposure is not likely due to the nature of this product.

Ingest: If product is swallowed, do not induce vomiting. If vomiting occurs keep head lower than hips to help prevent aspiration. If individual is alert, give plenty of water to drink. Never give anything by mouth to an unconscious person.

SECTION V– FIRE AND EXPLOSION DATA:

Flash Point (F) None

Flammable Limits: LEL: NA UEL NA

Fire Fighting Procedure: use water vapor, foam or fog. Firefighters should wear proper protective equipment.

Fire Hazard: NA

SECTION VI – ACCIDENTAL RELEASE MEASURES:

Spill Clean Up: Wear appropriate protective equipment. Absorb with an inert material and put spilled material in appropriate waste disposal.

SECTION VII – HANDLING AND STORAGE PROCEDURES:

Handling: Avoid contact with eyes. Keep container closed. Wash thoroughly after handling.

Storage: Keep container in cool well ventilated area. Keep container tightly closed. Store away from incompatible materials. Keep out of the reach of children.

SECTION VIII EXPOSURE CONTROLS, PERSONAL PROTECTION:

Eye Protection: No special protection is required.

Protective Clothing: No special protection is required.

Respiratory: No special protection is required.

SECTION IX – PHYSICAL AND CHEMICAL DATA:

Boiling Point (F) 212 Specific Gravity: 0.99 to 1.02 pH 8.0-9.0

VOC content (%) <1 Evaporation Rate (Bu acetate=1) unk

vap. Pressure (mm Hg) unk

Vap. Density unk Solubility in Water: complete

Appearance and Odor: clear liquid with slight alcohol odor

SECTION X – REACTIVITY DATA:

Stability: Stable

Incompatibility: strong oxidizing agents,

Polymerization: Will not occur

Hazardous Decomposition: carbon monoxide, carbon dioxide and other organic materials.

SECTION XI TOXOLOGICAL INFORMATION

Toxicity to animals

Oral (LD50) acute: not available

Dermal (LD50) acute: not available

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Waste Disposal Method: Liquid wastes are not permitted in landfill. Consult local, state, and federal agencies for proper disposal in your area.

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